

ABSTRACT OF THE DISCLOSURE

An image data conversion apparatus includes color correction units for correcting the difference in color reproduction characteristic between projectors, bias correction units for correcting the bias so as to display partial color images on a predetermined set bias, data distribution units for distributing image data to display, at a predetermined ratio, the partial color images contained in the overlap region between the partial color images, and nonuniformity correction units for correcting color nonuniformities in the partial color images.

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